

## 何立平老師歷年著作及研究計畫

### 期刊論文

1. T-H Wu, C-H Yang, T-W Pai, **L-P Ho**, J-L Ho, H-Y Chou (2022) Identification of fish species through tRNA-based primer design. BMC Bioinformatics (in press, SCI)
2. T-C Shih\*, **L-P Ho\***, H-Y Chou, J-L Wu, T-W Pai Comprehensive Linear Epitope Prediction System for Host Specificity in *Nodaviridae* (2022) Viruses 14 (7), 1357 **equal contribute to this work 共同第一作者** (Impact Factor: 5.818 (2021), SCI).
3. Y-T Lo, T-C Shih, T-W Pai, **L-P Ho**, J-L Wu, H-Y Chou (2020) Conformational Epitope Matching and Prediction Based on Protein Surface Spiral Features. BMC Genomics (IF: 3.969 (2020), SCI).
4. T-C Shih\*, **L-P Ho\***, H-Y Chou, Y-T Lo, T-W Pai (2019) A voting mechanism-based linear epitope prediction system for the host-specific *Iridoviridae* family BMC Bioinformatics \*: **equal contribution 共同第一作者** (IF: 3.169 (2020)).
5. C-C Liu\*, **L-P Ho\***, C-H Yang, T-Y Kao, H-Y Chou, and T-W Pai, (2017) Comparison of grouper infection with two different iridoviruses using transcriptome sequencing and multiple reference species selection. *Fish & Shellfish Immunology* **71**: p264-274 \*: **equal contribute to this work 共同第一作者** (IF: 4.27(2021) SCI).
6. Chu H.-L., Chen H.-W., Tseng S.-H., Hsu M.-H., **Ho L.-P.**, Chou F.-H., Li H.-Y., Chang Y.-C., Chen P.-H., Tsai L.-Y., Chou C.-C., Chen J. S., Cheng T.-M\*, Chang C.-C.\* (2014) Development of a growth hormone conjugated nanodiamond complex for cancer therapy. ChemMedChem 9(5):1023-9 (SCI, IF 2.895, Rank 86/261)
7. Chu H.-L., Chen T.-H., Wu C.-Y., Yang Y.-C., Tseng S.-H., Cheng T.-M., **Ho L.-P.**, Tsai L.-Y., Li H.-Y., Chang C.-S., Chang C.-C.\* (2014) Thermal stability and folding kinetics analysis of disordered protein securin. Journal of Thermal Analysis and Calorimetry, 115, 2171-2178 (SCI, IF : 1.982, Ranking 37/75)
8. Chu HL, Cheng TM, Chen HW, Chou FH, Chang YC, Lin HY, Liu SY, Liang YC, Hsu MH, Wu DS, Li HY, **Ho LP**, Wu PC, Chen FR, Chen GS, Shieh DB, Chang CS, Su CH, Yao Z, Chang CC. Synthesis of apolipoprotein B lipoparticles to deliver hydrophobic/amphiphilic materials. ACS Applied

Materials & Interfaces. 2013 Aug 14;5(15):7509-16.

9. **LP Ho**, CJ Chang, HC Liu, HL Yang, JHY Lin. Evaluating the protective efficacy of antigen combinations against *Photobacterium damsela* ssp. *piscicida* infections in *Rachycentron canadum* (L.). 2014, 37, 51–62. Journal of Fish Diseases (IF: 2.0, JFD-1424, 13/50 in Fisheries; 13/145 in Veterinary Sciences; 32/97 in Marine & Freshwater Biology, SCI).
10. CM Lin, YL Lin, NM Tsai, HY Wu, SY Ho, CH Chen, YK Liu, YH Chiu, **LP Ho**, RP Lee and KW Liao. The inhibitory effects of chloroform extracts derived from *Corbicula fluminea* on the release of pro-inflammatory cytokines. Journal of Agricultural and Food Chemistry 2012 Apr 25;60(16):4076-82. doi: 10.1021/jf2051202. Epub 2012 Apr 17. (IF: 2.823, SCI)
11. YL Lin, LY Chen, CH Chen, YK Liu, WT Hsu, **LP Ho**, KW Liao. A Soybean oil-based liposome-polymer transfection complex as a co-delivery system for DNA and subunit vaccine. Journal of Nanomaterials, Volume 2012, Article ID: 427306, 12 pages (IF: 1.376, SCI).
12. **LP Ho**, JHY Lin, HC Liu, HE Chen, TY Chen, HL Yang. Identification of antigens for the development of a subunit vaccine against *Photobacterium damsela* ssp. *piscicida*. Fish & Shellfish Immunology. 2011 30:412-9. (IF: 3.322, 5/46=10.8% in fisheries, 8/192=4% in marine & freshwater biology and 4/145=2.7% in veterinary sciences, SCI).

## 研討會論文

1. 唐麗娜、何立平 不同單色 LED 燈對眼斑雙鋸魚(*Amphiprion ocellaris*)成長與體色之影響 臺灣水產學會 114 年度學術論文發表會暨會員大會 台灣台北 APC-01
2. 史泳全、宋述仁、何立平 飼料中添加螺旋藻(*Spirulina* sp.)對眼斑海葵魚(*Amphiprion ocellaris*)幼魚的成長及呈色之影響. 臺灣水產學會 113 年度學術論文發表會暨會員大會 台灣屏東 DPC-18
3. 沈欣愉、蔡思敏、何立平 投餵有無添加益生菌之飼料對眼斑海葵魚(*Amphiprion ocellaris*)成長和呈色之影響. 臺灣水產學會 113 年度學術論文發表會暨會員大會 台灣屏東 DPC-2
4. 張鈞皓、何立平、石道全、白敦文、張大慈、周信佑 以穿透胜肽結合電腦

投票平台預測之石斑魚虹彩病毒抗原表位分析 2021 臺灣水產學會 110 年度學術論文發表會暨會員大會，台灣基隆 FP-12

5. **LP Ho**, TY Kao, YT Chu, HY Chou Establishment, identification and analysis of bacterial antigen screening platform. The 2021 Annual Conference of the Fisheries Society of Taiwan, Keelung, Taiwan FP-12
6. TY Kao, **LP Ho**, YT Chu, HY Chou Isolation, identification and characterization of three bacteria as a new probiotic from intestine of *Leuconostoc rhadinum*. The 2021 Annual Conference of the Fisheries Society of Taiwan, Keelung, Taiwan FP-12
7. **LP Ho**, TY Kao, YT Chu, HY Chou Characterization of *Vibrio brasiliensis*TN1 from orange-spot grouper (*Epinephelus coioides*) and rapid screening antigens using immunoprecipitation approach. The 2020 Annual Conference of the Fisheries Society of Taiwan, Taipei, Taiwan, Abs. BP-9
8. TY Kao, **LP Ho**, KS Hung, TW Pai, HY Chou Metagenomic analysis of grouper (*Epinephelus coioides*) gut microbiota in response to rhamnan sulfate from *Monostroma latissimum*. 12th Asia Pacific Marine Biotechnology Conference, Shizuoka, Japan (2019), Abs P1-8.
9. HY Chou, TC Shih, **LP Ho**, YT Lo, TW Pai Antigenic feature analysis of a voting mechanism based linear epitope prediction system for the host specific *Iridoviridae* family. 12th Asia Pacific Marine Biotechnology Conference, Shizuoka, Japan (2019), Abs P1-9.
10. CF Hsu, **LP Ho** YT Chu, TC Shih, TW Pai and HY Chou, Prediction and antigenicity analysis of linear epitope in the major capsid protein from two grouper iridoviruses. The 2016 Annual Conference of the fisheries Society of Taiwan, Keelung, Taiwan, Abs. (01 2017)
11. TY Kao, **LP Ho**, YT Chu, HY Chou, The efficacy of natural resources against two grouper pathogens. The 2016 Annual Conference of the fisheries Society of Taiwan, Keelung, Taiwan, Abs. (01 2017)
12. CC Chang, HL Chu, **LP Ho**, Thermal stability and folding kinetics analysis of intrinsically disordered protein, securing The American Physics Society March Meeting 2014 Denver, Colorado, USA
13. DS Wu, HL Chu, Hung Chuang, YN Lu, **LP Ho**, HY Li, MH Hsu, CC Chang, Development of functionalized nanodiamond fluorescence detection platform: Analysis the specific promoter regulated by p53 The American Physics Society March Meeting 2014 Denver, Colorado, USA

#### 研究計畫

1. 110 年國立澎湖科技大學高教深耕計畫:發展學校特色-石斑魚潰瘍皮膚表面的菌種分離、鑑定與致病力分析(計畫編號: 110G0008-1)

2. 111 年國立澎湖科技大學高教深耕計畫:發展學校特色-石斑魚病原菌巴西弧菌(*V. brasiliensis*)抗原的篩選與鑑定分析(計畫編號: 111G0009-1)
3. 112 年國立澎湖科技大學高教深耕計畫:善盡社會責任-石斑魚巴西弧菌次單位疫苗的分析與保護效果的評估(計畫編號: 112G0004-1)
4. 114 年國立澎湖科技大學高教深耕計畫:善盡社會責任-飼料中加入不同的添加物對眼斑海葵魚(*Amphiprion ocellaris*)的成長與魚體成色效益之影響(計畫編號: 114G0004-1)

### **產學計畫**

從種苗生產、自動化餵食到食品罐頭製作智慧養殖技術研究:子計畫一種苗生產方法(第一年), 主持人: 曾建璋、何立平(112.6-113.5)